

Technical Standards: Auto Collision Technology

Students will understand the various systems and types of repair involved in auto collision technology, be able to use tools and equipment, be familiar with safety issues, and be familiar with career opportunities. Employability skills, leadership and professionalism will be provided through SkillsUSA-VICA and the Professional Development Program. The Student will:

Indicator A:

Identify opportunities in the auto collision field and the basic construction of the auto body.

Indicator B:

Become proficient in measuring and mixing.

Indicator C:

Demonstrate use of tools and equipment.

Indicator D:

Be familiar with and demonstrate various aspects of safety relating to auto collision technology.

Indicator E:

Write damage reports.

Indicator F:

Use a variety of auto collision welding techniques.

Indicator G:

Perform various aspects of sheet metal repairs.

Indicator H:

Perform various aspects of plastic panel repairs.

Indicator I:

Perform various aspects of fiberglass panel repairs.

Indicator J:

Perform various aspects of body panel replacement.

Indicator K:

Demonstrate various aspects of bumper repair and replacement.

Indicator L:

Demonstrate knowledge and use of refinishing equipment and techniques.

Indicator M:

Perform various aspects of refinishing.

Indicator N:

Identify a variety of fasteners.

Indicator O:

Demonstrate various aspects of exterior molding and trim repairs.

Indicator P:

Perform various aspects of vinyl top and decal repairs.

Indicator Q:

Perform various aspects of interior repairs.

Indicator R:

Demonstrate various aspects of glass replacement.

Indicator S:

Perform electrical systems repair.

Indicator T:

Demonstrate the ability to service lighting systems.

Indicator U:

Perform various aspects of engine systems repair.

Indicator V:

Demonstrate various aspects of air conditioning repair and replacement.

Indicator W:

Demonstrate various aspects of steering and suspension repair and replacement.

Indicator X:

Perform various aspects of frame body and unibody construction.

Indicator Y:

Perform various aspects of vehicle structural repair.

Indicator Z:

Develop personal and professional skills through involvement with the SkillsUSA-VICA student organization activities.